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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/922,032	07/31/2001	William J. Young	0007056-0069/P5132/RSB	7266

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HOGAN & HARTSON LLP
ONE TABOR CENTER, SUITE 1500
1200 SEVENTEEN ST.
DENVER, CO 80202

EXAMINER

TO, BAOQUOC N

ART UNIT PAPER NUMBER

2162

DATE MAILED: 07/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/922,032

Applicant(s)

YOUNG ET AL.

Examiner

Baoquoc N. To

Art Unit

2162

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04/05/2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3,5-13 and 15-20 is/are pending in the application.
- 4a) Of the above claim(s) 4 and 14 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3,5-13 and 15-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1 and 11 are amended, claims 4 and 14 are canceled in the amendment filed 04/05/2005. Claims 1-3, 5-13 and 15-20 are pending in this application.

Response to Arguments

2. Applicant's arguments with respect to claim 1 and 11 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-3, 5-13 and 15-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Walsh et al. (US. Patent No. 6,810,429) in view of Dietzman et al. (US. Patent No. 5,978,804).

Regarding on claims 1 and 11, Walsh teaches a method for migrating a database, including the use of:

Obtaining said database in a first database format (data source 111) (col. 10, lines 5-6);

Representing said database in an abstract database format, including one or more views (extracting schema) (col. 10, lines 5-6);

Using said abstract format (XML format) to convert said database to a second database format (converting XML to HTML format) (col. 10, lines 11-14); and

Migrating said database in said second database format (migrating from the legacy format to XML to second HTML format) (col. 10, lines 10-13), wherein said one or more views provide a common abstraction of different between the first database format and the second database format (col. 3, lines 55-60). Walsh discloses the concept of converting from one source of format to the second source of format using XML. Walsh does not explicitly disclose converting from one database format to the another database format. On the other hand, Dietzman discloses converting from one database format to the another database format (col. 20, lines 41-57). Therefore, it would have been obvious to one ordinary skill in the art at the time of the invention was made to modify Walsh's system to include the concept of converting from one database format to the another database format as taught By Dietzman in order to provide right format for system application to access.

Regarding on claims 2 and 11, Walsh teaches said database is a production database (transaction database) (col. 3, lines 47-52).

Regarding on claims 3 and 13, Walsh teaches database uses a data model (schema) (col. 10, lines 1-13).

Regarding on claims 5 and 15, Walsh teaches step of using said abstract format further comprises: writing scripts (internet) (col. 3, lines 54-67).

Regarding on claims 6 and 16, Walsh teaches step of writing said scripts further comprises: writing functions to correct data format conversion (col. 10, lines 1-13).

Regarding on claim 7 and 17, Walsh teaches step of writing said scripts further comprises: building temporary tables to map values in the first format database to values in the second format database (col. 10, lines 1-13).

Regarding on claims 8 and 18, Walsh teaches step of writing said scripts further comprises: extracting data from database in first format into insert statements for the database in the second format (col. 10, lines 1-13).

Regarding on claims 9 and 19, Walsh teaches the step of extracting data from the database in first format into insert statement for the database in the second format further comprises:

Exporting a sample database (col. 10, lines 1-13);

Importing the said sample database into a test area (col. 10, lines 1-13);

Running said scripts (col. 10, lines 1-13); and

Comparing the data of the database in a first format with the data of the database in a second format (col. 10, lines 1-13).

Regarding on claims 10 and 20, Walsh teaches comparing said data of the database in a first format with said data of the database in a second format further comprises: comparing and checking the record counts (col. 5, lines 61-67);

Comparing and checking the key and other value counts (col. 5, lines 61-67);

Comparing and checking the graphical user interface (col.5, lines 61-67); and

Comparing and checking the logs (col. 5, lines 61-67).

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Contact Information

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Baoquoc N. To whose telephone number is (703) 305-1949 or via e-mail BaoquocN.To@uspto.gov. The examiner can normally be reached on Monday-Friday: 8:00 AM – 4:30 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached at (703) 305-9790.

Art Unit: 2162

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks


Washington, D.C. 20231.

The fax numbers for the organization where this application or proceeding is assigned are as follow:

(703) 872-9306 [Official Communication]

Baoquoc N. To

June 22, 2005


JEAN M. CORRIELUS
PRIMARY EXAMINER